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(54) Title: A PROCESS FOR THE TREATMENT OF FIBRE MATERIAL AND NEW COMPOSITION

$$R_1$$
 $R_2$ 
 $R_1$ 
 $R_2$ 
 $R_2$ 
 $R_3$ 
 $R_4$ 
 $R_2$ 
 $R_4$ 
 $R_5$ 
 $R_4$ 
 $R_5$ 
 $R_5$ 

OM

(57) Abstract: The invention relates to a process for the treatment of a fibre material comprising the step of contacting the fibre material in an aqueous medium with a chelating agent and a polymer having general formula (I) wherein R<sub>1</sub> is a hydrogen atom or an alkyl group containing 1 to 12 carbon atoms; R2 is -COOM or -CH2COOM; M is a hydrogen atom, an alkali metal ion, an alkaline earth metal ion, an ammonium ion or a mixture thereof; n, m and k are molar ratios of corresponding monomers, wherein n is 0 to 0.95, m is 0.05 to 0.9, and k is 0 to 0.8, and (n+m+k) equals 1, and the weight average molecular weight is between 500 and 20,000,000 g/mol. The invention also relates to a composition comprising a chelating agent and the above polymer.

WO 2005/080673 A3 |||||||||||||||||

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